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**P.G. DIPLOMA IN COMPUTER APPLICATION
(FIRST SEMESTER)
EXAMINATION, Dec. - Jan., 2021-22
(OLD COURSE)
(FUNDAMENTAL OF COMPUTERS)
PGDCA (101)**

*Time : Three Hours]**[Maximum Marks:100*

Note : Attempt any two parts from each unit. All questions carry equal marks.

Unit - I

1. (a) Draw and explain block diagram of computer system.
- (b) Explain generation of computers with examples.
- (c) Describe the working of data processing system.

Unit - II

2. (a) Explain different types of Input devices with examples.
- (b) Explain any three output devices with examples.
- (c) Explain the following:
 1. Thumb Scanner
 2. Speakers

P.T.O.**Unit - III**

3. (a) Differentiate RAM and ROM with examples.
- (b) Describe Data Storage Methods.
- (c) Explain the following :
 - (i) Computer Bus
 - (ii) Control Unit

Unit - IV

4. (a) How many types of application software? Explain with example.
- (b) Explain Assembler, Interpreter and Compiler with example.
- (c) How does boot loader works? Describe it.

Unit - V

5. (a) Explain functions of Operating System.
- (b) Describe file system and directory structure of Linux.
- (c) Write the use and syntax of the following :
 - (i) *md*
 - (ii) *ls*
 - (iii) *cd*
 - (iv) *grep*
 - (v) *mv*

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